

## Title (en)

LIGHT THERAPY DEVICE FOR TREATMENT OF BONE DISORDERS AND BIOSTIMULATION OF BONE AND SOFT TISSUE

## Title (de)

LICHTTHERAPEUTISCHE VORRICHTUNG ZUR BEHANDLUNG VON KNOCHENERKRANKUNGEN UND BIOSTIMULATION VON KNOCHEN UND WEICHTEILEN

## Title (fr)

DISPOSITIF DE PHOTOTHERAPIE POUR LE TRAITEMENT DES AFFECTIONS OSSEUSES ET LA BIOSTIMULATION DES OS A ET DES TISSUS MOUS

## Publication

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## Application

**EP 06710427 A 20060217**

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## Abstract (en)

[origin: WO2006087633A1] The present invention provides an extra-oral light therapy device including an extra-oral bridge, an intra-oral tray removably connected to the extra-oral bridge, at least one extra-oral light emitting diode ("LED") array removably connected to the extra-oral bridge, and a programmable controller for controlling the extra-oral light therapy device. The present invention alternatively provides an extra-oral light therapy device including a head-set, at least one extra-oral LED array removably attached to the head-set, a connector for removably attaching the head-set to the at least one extra-oral LED array, and a programmable controller for controlling the extra-oral light therapy device. The present invention also provides an external light therapy device including a thin, molded substrate, at least one LED array mounted onto the thin, molded substrate, an attaching means for removably attaching the at least one LED array mounted onto the thin, molded substrate to the area of treatment, and a programmable controller for controlling the external light therapy device. The present invention further provides a method for treating jaw bone disorders and jaw osteonecrosis and biostimulating bone and soft tissue utilizing an extraoral light therapy device and a method for treating and stimulating soft and hard tissue and biostimulating bone utilizing an external light therapy device.

## IPC 8 full level

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## Citation (search report)

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